|               | CLAIMS   |              |  |  |  |  |              | APPLICANT(S)                    |  |  |  | FILING DATE                                      |  |  |  |
|---------------|--|--------------|--|--|--|--|--------------|---------------------------------|--|--|--|--|--|--|--|
|               |  |              |  |  |  |  |              | APPLICANT(S)                    |  |  |  |  |  |  |  |
|               |  | •            |  |  | · · · · · · ·                                    | <u>.</u> .                                       | CLAIMS       |                                 |  |  |  |  |  |  |  |
|               | AS   | AS FILED     |  | AFTER 1st AMENDMENT                              |  | AFTER 2nd AMENDMENT                              |              |                                 | *  |  | *  |  | *  |  |  |
|               | IND.   | DEP.         | IND.   | DEP.   | IND.   | DEP.   | ] [          |                                 | IND.   | DEP.   | IND.   | DEP.   | IND.   | DEP.   |  |
| 1             |  |              |  |  |  |  | ] [          | 51                              |  |  |  |  |  |  |  |
| 2             | ļ  | ļ            | $\perp$  | $\swarrow$                                       | ļ  | ļ  | 4            | 52                              |  | ļ  | <u> </u>   |  | ļ  |  |  |
| 3             | 1  | 1            | <del>  /</del>                                   | <b>}</b>   | <b>_</b>   |  | 4            | 53                              |  | ļ  |  | <u> </u>   | ļ  | <u> </u>   |  |
| 4             | -  | -            | <del>//</del> _                                  | +  | <b>↓</b>   | <del> </del>                                     | 4            | 54                              | ļ  | ļ  | ļ  |  | ļ:   |  |  |
| 5             | ┼  | -            | <del></del>                                      | <del>                                     </del> | <del> </del>                                     |  | -            | 55                              |  |  | <u> </u>   | <del> </del>                                     | -  | ļ  |  |
| - 6<br>7      | ╁  | +            |  | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | 1            | 56 ·<br>57                      |  | <del> </del>                                     | <del> </del> -                                   |  | <del>                                     </del> | <del> </del>                                     |  |
| 8             | +  | +            | +  | 1 -  | <del> </del>                                     | <del> </del>                                     | 1 1          | 58                              |  | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |
| 9             |  |              | <del>                                     </del> | <del>                                     </del> | 1  | <del> </del>                                     | 1            | 59                              | <del>                                     </del> |  | <b></b>  | <del> </del>                                     | <del>                                     </del> |  |  |
| 10            |  | 1            |  | 1  |  |  | 1            | 60                              | <b></b> -  |  | <b> </b>   | †  | <del>                                     </del> | <del>                                     </del> |  |
| 11            |  |              |  |  |  |  | ]            | 61                              |  | -  |  |  |  | T  |  |
| 12            |  | _            |  |  |  |  | ] [          | 62                              |  |  |  |  |  |  |  |
| 13            | <u> </u>   | <del> </del> | <del> </del>                                     | <b></b>  | ļ  |  | 4            | 63                              | <u> </u>   | ļ  | <u> </u>   | <b> </b>   | <u> </u>   | 1  |  |
| 14            | 1  | <del> </del> |  |  | <del> </del>                                     | <del> </del>                                     | -            | 64                              | ļ  |  | ļ  | <del>                                     </del> | ļ·   |  |  |
| 15<br>16      | <del> </del>                                     | -            | -  |  | <del> </del>                                     | <del> </del>                                     | -            | 65                              | ļ  | ļ  | ļ  | <del> </del>                                     | <del> </del>                                     | ļ  |  |
| 17            | + -  | -            | +  | <del></del>                                      | <del> </del>                                     | <del>                                     </del> | -            | 66<br>67                        | <del> </del>                                     | -  | <del> </del>                                     | <del> </del>                                     | <u> </u>   | <u> </u>   |  |
| 18            |  | <del> </del> | +  |  | <del>                                     </del> | <del> </del>                                     | 1            | 68                              | <del> </del> -                                   | <del>  ,</del>                                   | <del> </del>                                     | <del>                                     </del> | -  | 1  |  |
| 19            | 1  | <del> </del> | 1  | <del> </del>                                     | 1  | <b>-</b>   | i l          | 69                              |  | <b></b> -  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     |  |
| 20            |  |              |  |  |  |  | 1 /          | 70                              |  |  | <del>                                     </del> | †  | 1  | <del> </del>                                     |  |
| 21            |  |              |  |  |  |  | 1            | 71                              |  |  | <del> </del>                                     | 1  | †  | †  |  |
| 22_           |  |              |  |  |  |  | ] [          | 72                              |  | -  | · .  |  | 1  |  |  |
| 23            | <del>                                     </del> | ļ            | <b>_</b>   |  | ļ <u>.</u>                                       |  | ] ]          | 73                              |  |  |  |  |  |  |  |
| 24            | <del>                                     </del> | <del> </del> |  |  | ļ  | ļ  | . J          | 74                              |  |  | ļ  |  |  |  |  |
| 25<br>26      | <del> </del>                                     |              | -  | <del> </del>                                     | ļ  | <del> </del>                                     | <b>↓</b> ↓   |                                 |  |  | <u> </u>   | <u> </u>   | <u> </u>   |  |  |
| 27            | <del> </del>                                     |              |  | <del> </del> -                                   | <del> </del>                                     | ļ  | - I          | 76                              | ļ  |  |  | <u> </u>   | ļ  |  |  |
| 28            | <del> </del>                                     | <del> </del> | <del> </del>                                     | ╁╾──   | <del>                                     </del> | <del> </del>                                     | } }          | 77<br>78                        | <u> </u>   |  |  | <del></del>                                      | <del> </del>                                     |  |  |
| 29            | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del>                                     |  | <del>                                     </del> | 1 1          | 79                              |  |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |  |
| 30            |  |              |  |  |  |  | 1            | 80                              |  |  | <del> </del>                                     | <del> </del>                                     | -  |  |  |
| 31            |  |              |  | 1  |  |  | 1            | 81                              |  |  | <del>                                     </del> | <del>                                     </del> | -  |  |  |
| 32            |  |              |  |  |  |  | 1            | 82                              |  |  |  |  | <del>                                     </del> |  |  |
| 33            |  |              |  |  |  |  | ] [          | 83                              |  |  |  |  |  |  |  |
| 34            |  |              | <u> </u>   | 1  |  |  |              | 84                              |  |  |  | <u> </u>   |  |  |  |
| 35            |  |              | <u> </u>   | <del> </del>                                     |  |  |              | 85                              |  |  |  |  |  |  |  |
| 36<br>37      |  |              | <del>                                     </del> | <del> </del>                                     |  |  |              | 86                              |  | <u> </u>   |  |  |  |  |  |
| 38            |  |              | <del> </del>                                     |  |  |  | l  -         | 87                              |  |  |  |  |  |  |  |
| 39            |  |              | <del>                                     </del> |  |  |  | -            | 88<br>89                        |  |  |  |  |  | 1  |  |
| 40            |  |              | <u> </u>   | <u> </u>   |  |  | F            | 90                              |  |  |  |  |  |  |  |
| 41            |  |              | <b> </b>   |  |  |  | <br> -       | 91                              | -  |  |  |  |  |  |  |
| 42            |  |              |  |  |  |  |              | 92                              | •  |  |  |  |  |  |  |
| 43            |  |              |  |  |  |  | ſ            | 93                              | -  |  |  |  |  |  |  |
| 44            |  |              |  |  |  |  |              | 94                              |  |  |  |  |  |  |  |
| 45            |  |              |  |  |  |  |              | 95                              |  |  |  |  |  |  |  |
| 46            |  |              | ļ  | <b>  </b>  |  |  | <u> </u>     | 96                              |  |  |  |  |  |  |  |
| 47<br>48      |  |              | -  |  |  |  | ` <b> </b> _ | 97                              |  |  |  |  |  |  |  |
| 49            |  |              |  |  |  |  | <b> </b> -   | 98                              |  |  |  | ··-  |  |  |  |
| 50            |  |              |  | <del>  </del>                                    |  |  | <br>         | 99<br>100                       |  |  |  |  |  | <u> </u>   |  |
| TOTAL         |  |              | ,  |  |  |  | <b>-</b>     | TOTAL                           |  |  | -  |  |  |  |  |
| OTAL<br>DEP.  |  | -1           |  | _#   |  | _  | - 1          | IND.                            |  | _ !  |  |  |  | <b>1</b>   |  |
| DEP.          |  |              | ر ر  | 2 2 2 2 2  |  |  | L            | TOTAL<br>DEP.<br>TOTAL<br>LAIMS |  |  |  | <del></del>                                      |  |  |  |
| OTAL<br>LAIMS |  |              | _5   |  |  |  | lo           | SMIALE                          |  |  |  |  |  |  |  |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office